

# The 50 MHz DX Bulletin

Volume 9, Issue 2

February 1998

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

## SMIRK Urges Adoption of New 6m DX Window

A report by Bill Tynan, W3XO/5 of actions taken by the SMIRK Board of Directors in a meeting held January 31st.

The meeting was held at the home of Tex Kennedy N5TX. In attendance were: Tex Kennedy N5TX, Ray Clark K5ZMS, Pat Rose W5OZI, Jimmy Treybig W6JKV, Don Abell KC5TK, and Bill Tynan W3XO.

In addition to a number of items concerning SMIRK activities, including the operation of the "Six Shooter" Web page conducted by George and Lisa Lowell, N0EOQ and KA0NNO, the SMIRK Board considered the Klub's 1998 contest and the proposed expansion of the six meter DX window.

The 1998 SMIRK Contest will be held 0000Z June 20 to 2400Z June 21. The approach used in 1997's SMIRK Contest with regard to applying a multiplier of 2 to contacts made above 50.2 will be retained this year. Certain specific adjustments will be made to this provision to encourage participation by DX stations and make the scoring more equitable for them. Detailed rules are in preparation and will be sent to the various contest editors soon.

The SMIRK Board went on record as fully supporting the expansion of the DX window to include the 100 kHz from 50.1 to 50.2. They asked me to write to various VHF editors documenting SMIRK's position on this, and asking for support. The SMIRK Board members feel strongly that the onset of the 1998 summer Es season is the appropriate time to initiate the change. They believe that waiting until the DX starts coming in next fall will be too late to get people used to the new arrangement.

The arguments in favor of this have been aired previously, but I will summarize them again as follows:

1. A DX window helps everyone, especially low power stations not able to "move" higher power stations out of the way as the higher power stations are able to do.
2. A DX window helps the DX stations because they do not suffer strong QRM from Stateside and lower tier Canadian stations attempting to work across the continent. The Stateside QRM will come only from stations trying to work the particular DX or possibly another DX on that or a nearby frequency.

3. Due to the tremendous increase in 6 meter activity as a result of the large number of new rigs now available, the current 25 kHz wide DX window will be woefully inadequate to support the DX and Stateside activity which is certain to be present during this cycle. Thus, an expansion of the DX window to 100 kHz is imperative if all of us, Stateside, Canadian and DX stations alike, are to derive the full benefit of what some predict may be one of the best solar cycles yet.

4. The current DX window from 50.1 to 50.125, in addition to being too narrow, is also inadequate because a substantial portion of it suffers QRM in the vicinity of 50.110 from TV sets, computers and other electronic devices.

5. A calling frequency at 50.2 makes good sense. Most VHFers are accustomed to the 2 meter calling frequency of 144.2. Having a similar spot on 6 meters should help alleviate confusion, especially among newcomers.

6. Local, Es and F2 transcontinental QSOs will be just as viable above 50.2 as below. Weak signal F2 backscatter QSOs may actually be facilitated above 50.2 as they will suffer less QRM from DX stations, and others trying to work DX stations.

7. Despite what some may contend, most equipment, including antennas, will work just as well in the vicinity of 50.2 as around 50.125.

Best of DX to all,  
Bill Tynan W3XO

For the Board of Directors of the Six Meter International Radio Klub

## More 50.125 Notch Filters On Way

According to an e-mail message from Del, KD1DU, he has placed an order for more 75Ω 50.125 MHz "bullet" notch filters that install inline with TV sets {with male & female F-connectors}. Ron Klimas, WZ1V, posts that he personally measured these (50.125 & 144.2 MHz) filters on a spectrum analyzer and can attest the rejection is over 90 dB. Details on <http://qsl.net/kd1du>

## Clint, W1LP, switching sides

During the past few years, Clint, W1LP, has handed out water grid squares on 6 and 2m from the Atlantic Ocean and Gulf of Mexico. He is joining a different ship, which will be plying Eastern Pacific waters.

He will be sailing from Lake Charles, LA in early March for the west coast via the Panama Canal. He will be on the ship until mid-April, home until mid-June, and then back on the ship until mid-August. On the Gulf Coast, this ship calls in Texas, Louisiana, and Mississippi. On the west coast it hits ports all the from L.A. to the Canadian border.

As this is to be his new steady ship, he is looking forward to getting in on west coast tropo, and TE & F2 on 6m.



# January-February 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V/UHF DX Topics* in *MOBIL HAM*, GJ4ICD's *Internet 50 MHz News* (marked with #), G4UPS, ZL3TY, VE7SKA, PY5CC, C6AGN (KM1E), ZR1EV, JR3HED, XE2HWB, WB7QBS, KC6IPF, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997 for months greater than 03 and 1998 for all other entries. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Distances may be in km (amateur) or mi (TV/FM). Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

## Reports of Africa

### ASCENSION IS.

02252245 ZD8VHF STRONG B 3C5I#

### EQUATORIAL GUINEA

02151300 3C5I JJ43JR TEP W IK0FTA  
02181330 3C5I W I#  
02271310 3C5I I#  
02281232 3C5I 559 C IK2GSO#

### GABON

02161510 TR8CA 50.110 IT9RZR#  
02181330 TR8CA H GJ#

### GHANA

02161447 9G1AA JM76>IJ86 50.123 C IT9RZR#

### MADEIRA IS.

02252245-CT3 GOOD 3C5I#

### MALAWI

02271300 7Q7 EH6SA#

### SOUTH AFRICA

01310800 ZS6TWB > JF96 -0826 B ZR1EV  
01310800+ZS6AYE 59++ > JF96 H ZR1EV  
01310810+ZS6DN 559+ > JF96 50.050 B ZR1EV  
02081805 ZS6PJS 59+ Pietersburg 50.2 S ZR1EV  
02081808 ZS6TWB 554 50.044 B ZR1EV  
02081809 ZS6DN 553 50.050 B ZR1EV  
02081825 ZS2SIX 556 50.005 B ZR1EV  
02081913 ZS6PJS 41 Paul 50.200 S ZR1EV  
02151045 ZS6TWB S3 -1110 B ZR1EV  
02151805 ZS6PJS 59+ W ZR1EV  
02151805+ZS2SIX 50.005 B ZR1EV  
02151805+ZS2SIX 50.005 B ZS6PJS  
02151805+ZS6TWB B ZR5ADQ

## Report of Antarctica

01252125 LU1ZC 519 ANTARCTICA .110 C PY5CC

## Reports of Asia

### ASIA, GENERAL

01140553 ASIAN TV WEAK 49.75 V ZL3TY

### CYPRUS

01141630 5B4 YU1QC#

### JAPAN

01041418 JAs 50.110 S JD1BIY  
02150414 JA6YBR/b (MS) 50.017 C JA1VOK  
02170500 JA TEP VK2/4/ZL#

### KOREA,S.

01031947 HL1LSV 50.110 S JA1  
01031947 HL1LTC 50.110 S JA1  
01031953 HL1LTC 50. S JI1WMI

### LEBANON

01141630 OD5 YU1QC#

### MALAYSIA, WEST

02280505 9M2TO OJ05 > PM75 50.117 C JA3JTG#

### Spratley Is. (Layang Layang)

02140401 9M0C > QM05 50.102 C JA1XQC  
02140403 9M0C > PM96 50.102 C JH1WHS  
02140405 9M0C 50.102 C JA1VOK  
02140417 9M0C > QM09 50.102 C JK7IKU  
02140425 9M0C > PM86 50.102 C JA9BHZ  
02140427 9M0C > PM75 50.102 C JA3JTG  
02140430 9M0C > PM86 50.102 C JA9SSB  
02140509 9M0C > PM75 50.102 C JA3CEQ  
02140510 9M0C > PM86 50.102 C JA9LSZ  
02160815 9M0C > PM96 50.102 C JH0MHE

### TAIWAN

01021930 BV2SR 50.110 S JR2HCB

## Reports of Europe

### CROATIA

01121620 9A3HZ 559/559 JN86 > IO80 C G4UPS

### CZECH REPUBLIC

12301700+OK3KKW 59 KP11WU > KP49JK H UA1ZCG

### DENMARK

01031633 OZ4VV 559/559 JO46 > IO80 W G4UPS  
01221235 OZ2LD 559/529 JO54 > IO80 C G4UPS

### ENGLAND

01111824 G1VMH IO93kc 50.140 CT1DYX#

### ESTONIA

12301700+ES0SIX WEAK > KP49JK <1900 B UA1ZCG

### FINLAND

12301700+OH1AYQ 59 KP12MA > KP49JK H UA1ZCG  
12301700+OH1SIX 559 KP11QU > KP49JK B UA1ZCG  
12301700+OH9SIX 55A KP36OI > KP49JK B UA1ZCG  
Note UA1ZCG does not have license to transmit on 6m.

**GERMANY:** The 1000 special licenses for 50 MHz expired at the end of 1997. No German stations are allowed to work on 50 MHz at the moment. This will last until a new regulation is published. This could take time; hopefully there will be a new 6m allocation for all! DF9CY. #

### ITALY

01121710 IK2DUV 57/57 JN45KO > IO80 S G4UPS  
01121716 IK5YZW 55/55 JN53DU > IO80 S G4UPS  
01121726 I4YSS 559/559 JN54KN > IO80 C G4UPS  
02151300+IOCEP, IK0SME, IOAMU, IT9RZR W 3C5I  
02151300+IOJX, IK0BAL, IK0VAQ, IW0BET W 3C5I

**Lithuania:** As of March 1, all class "A" licensed Lithuanian stations have permission to operate 50-52 MHz band. LY2IJ. #

### MALTA

02181330 9H1 -1400 3C5I#



**SCOTLAND**

01312009 GM0TGE AU 50.1508 LA4LN#  
 01312011 MM1BUO AU 50.1508 LA4LN#  
 01312046 GM3WOJ AU 50.112 OZ4LP#

**SERBIA**

01121612 YU1SIX 559-->599 > IO80 B G4UPS  
 01121631 YU6SIX 449 -1655 > IO80 B G4UPS

**SLOVENIA**

01121614 S53ZW 59/55 JN86BJ DRAGO S G4UPS  
 01121623 S57EA 579/579 JN76HE > IO80 C G4UPS  
 01121626 S57JA 579/579 JN76GB > IO80 C G4UPS

**SPAIN**

02172221 EH7AH 59 IM67 50.110 PY5CC#

**SWEDEN**

12301700+SK3SIX 559 JP71XE > KP49JK B UA1ZCG  
 12301700+SM3OKC 59 JP90HR > KP49JK H UA1ZCG  
 12301700+SM4DHN 599/59 JP60VN <1900 H UA1ZCG  
 12301700+SM4VMS 599/59 JP90CD <1900 H UA1ZCG  
 12301700+SM6MVE 57 JO67KW > KP49JK H UA1ZCG  
 01030856 SM7AED 579/569 JO65 > IO80 C G4UPS  
 01050850 SM7FUE 559/559 JO65 > IO80 C G4UPS  
 01070850 SM7AED CLG G3CCH 559 H G4UPS  
 01080851 SM7AED 599/559 C G4UPS  
 01311922 SM3GSK AU 50.110 S OZ5AGJ#  
 01312001 SM7WDS > JO66WO AU 50.150 S LA4LN#

**Reports of North America**

This month's TV and FM DX reports via ionospheric modes were submitted by VE7SKA; WA5IYX; Danny Oglethorpe, Shreveport, LA; William Eckberg, Dixon, IL; Jeff Kruska, Baton Rouge, LA; and Dennis Smith, Santa Barbara, CA.

**BAHAMAS**

01172300-C6AGN S5 W VE9AA#  
 02230104 C6AFP S7 FL16>EM79 50.0632 B N8ZJN

**BARBADOS**

01190021 8P6ER GK03>GG54 4494 50.110 S PY5CC

**CANADA, Eastern**

01172252 VE3UBL 539 FN03>FL16 50.056 B C6AGN  
 01172259 VE9AA 53 FN65 >FL16 .110 S C6AGN  
 02172336-VE8BY FP53rs>FN76oc 50.0484 B VE9AA/P  
 02180002 VE3CXN en94 > FN13 50.170 KB2YWU  
 02180027 VA3BOZ fn03 > FN13 50.185 KB2YWU  
 02180109 VE3CTT fn07 > FN13 50.150 KB2YWU  
 02180142 VE2YH fn35 > FN13 50.182 KB2YWU  
 02180143 VE2PSU fn35 > FN13 50.182 KB2YWU  
 02180XXX VE2BKL FN48 AU 144 K2TXB  
 02192336 VE8BY FP53rs 579 AE 50.0484 B VE9AA/P

**CANADA, Western**

02120000 VE6EMU 55A DO33>DO21 B VE6XT  
 02172353 VE6EMU 40° DO33>CN88 50.041 B VE7SKA  
 02180001 VE7WMH 40° DN09>CN88 50.125 S VE7SKA  
 02180025 VE6JW 40° DO33>CN88 50.125 C VE7SKA  
 02180138 VE4VHF 51A EN19 > EN72 AU B N8NQS  
 02180147 VE6XT 40° DO21>CN88 144.200 H VE7SKA  
 02180242 VE6ARC 40° DO05>CN88 50.044 B VE7SKA  
 02180336 VE6NTT DO31 > CN96 A 50.1 S WA7QBS  
 02180420-VE7AGG CN89 > DO31 AU W VE6NTT  
 02180XXX VE4VHF > DN26xk B W7HAH  
 02180XXX VE6EMU > DN26xk B W7HAH

**COSTA RICA**

01260036 TI4JHQ CLG CQ 50.110 PY2XB#  
 02140139 TI4JHQ EDUARDO 50.110 PY5CC#  
 02160100 TI5KD S9+ 50.110 S LU2EGQ#

**CUBA**

01172300 CO2OJ S9+ W VE9AA#

**DOMINICAN REPUBLIC**

02250015 HI8HGS 57 50.110 LU2EGQ#

**El Salvador**

01210028 YSR 2 EL SALVADOR 1324 T OGLETHORP

**GREENLAND**

02180058 OX3VHF 419 GP44>FN76 50.045 B VE9AA/P

**GRENADA**

01032334 J3EOC 519 50.056 B PY5CC  
 01052316 J3EOC 519 50.056 B PY5CC  
 01052333 J3EOC GOOD > HI06 50.057 B PT7WA  
 01082314 J3EOC 519 50.056 B PY5CC  
 01092322 J3EOC 559 50.056 B PY5CC  
 01110001 J3EOC 519 50.056 B PY5CC  
 01130005 J3EOC 559 50.056 B PY5CC  
 01172345 J3EOC 50.056 B PY5CC  
 01190008 J3EOC 559 50.056 B PY5CC  
 01200020 J3EOC 519 B LU2EGQ#  
 01212342 J3EOC 559 50.056 B PY5CC  
 01240210 J3EOC B PT7NK#

**MEXICO**

01081925 XHBS 4 SIN/SON T OGLETHORP  
 01090120 unID 2 XEW-2 -0215 > CA T SMITH  
 01090137 XE2UZL FOR ONE HOUR > DL44 B XE2HWE  
 01112154 unID 4 TV AZTECA T KRUSZKA  
 01112206 XEPMt 2 CH > LA T KRUSZKA  
 01112219 XEJ 5 CH 910 T KRUSZKA  
 01112238 XHIT 4 CHIH 778 T OGLETHORP  
 01112259 XHBS 4 SIN/SON T OGLETHORP  
 01120010 XHG 4 JAL 1003 T OGLETHORP  
 01132130 XEWO 2 AGS/JAL T OGLETHORP  
 01140145 XHAGU 2 AGS XEQ-9 896 T OGLETHORP  
 01152258 XHFM 2 VER > LA 950 T OGLETHORP  
 02120128 XE1BEF 50.132 WA5IYX  
 02120130 XE1J 50.109 WA5IYX  
 02120135 XHRM BCN Tijuana 92.5 F WA5IYX  
 02120140 XETRA- BCN Tijuana 91.1 F WA5IYX  
 02142315 unID 2-4 Mexico -0325 T WA5IYX  
 02150000 XHZM Puebla 92.5 F WA5IYX  
 02150006 XHIMER Mexico C. 94.5 F WA5IYX

**PUERTO RICO**

01012358 KP4EIT FK68 5294 50.110 S PY5CC  
 01052302 WP4O CLQ CG 50.110 H PY5CC  
 01082310 WP4O 559 CLG CQ 50.110 H PY5CC  
 01122346 KP4UK FK68>GG54 5294 50.110 S PY5CC  
 01132350 WP4O 50.110 C PY2XB#  
 01142318 WP4O 519 CLG CQ 50.110 H PY5CC  
 01160022 KP4SQ FK68>GG54 5294 50.110 S PY5CC  
 01190104 KP4UK 50.110 PY5CC  
 01190104 WP4KIA FK68 5294 50.110 S PY5CC  
 01200006 WP4O 559 CLG CQ 144.300 H LU2EGQ#  
 01200007 WP4MSL 52 CLG CQ 144.300 H LU2EGQ#  
 01200008 WP4O 57 50.110 S LU2EGQ#  
 01200048 WP4MSL 59 50.110 S LU2EGQ#  
 01200102 KP3AA 57 50.110 S LU2EGQ#  
 01212355 WP4MEK 55 50.110 S LU2EGQ#  
 01212357 KP4EIT 57 > GF05XD 50.110 S LU2EGQ#  
 01220006 WP4O 58 > GF05XD 50.110 S LU2EGQ#

**ST KITTS & NEVIS IS.**

01032332 V44K 519 50.054 B PY5CC  
 01052315 V44K 539 50.054 B PY5CC  
 01092324 V44K 519 50.054 B PY5CC  
 01142315 V44K 519 TEP 50.054 B PY5CC  
 01172345 V44K 50.054 B PY5CC  
 01212343 V44K 579 50.054 B PY5CC

**TURKS & CAICOS**

01192346 VP5/AA4VK FL41 5769 50.110 S PY5CC

**United States, W1**

01112340 W1LRZ 53 FM18>FL16 .114 S C6AGN  
 01112351 K1DAM 53/53 FN41>FL16 .114 S C6AGN  
 01112357 N1NOL 53 FN31>FL16 .114 S C6AGN  
 01120042 W1VHF 539 >FL16 50.060 B C6AGN  
 01172253 W1RA FN41>FL16 50.071 B C6AGN  
 01172308 W1QK 56 FN31 >FL16 .110 S C6AGN



01172311 W1/W8TEO? FN31 >FL16 .110 S C6AGN  
 01172315 KB1HY 41 FN31 >FL16 .110 S C6AGN  
 02180007 N1XZW fn41 > FN13 50.170 KB2YWU  
 02180128 AF1T fn43 > FN13 50.140 KB2YWU  
 02180XXX W1/W3EP 53A FN31>FN23 AU432 WA2AEY  
 02180XXX W1SN FN41 > EN41ux AU 144 KD0PY

#### United States, W2

01200248 WGRZ 2 NY > LA 1091 T OGLETHORP  
 02180010 KB2TGU fn20 > FN13 50.170 KB2YWU  
 02180011 W2YE fm19 > FN13 50.170 KB2YWU  
 02180XXX KA2CKI FN13 > EN41ux AU 144 KD0PY  
 02180XXX KA2RDO FN12 > EN41ux AU 144 KD0PY  
 02180XXX W2FCA FN22 > EN41ux AU 144 KD0PY  
 02180XXX W2RBK FN13 > EN41ux AU 144 KD0PY  
 02180XXX W2WGL FN23 > EN41ux AU 144 KD0PY

#### United States, W3

01112358 N3WAK 53/53 FN01>FL16 .114 S C6AGN  
 01160220 WMAR 2 MD > LA 1072 T OGLETHORP  
 01172307 W3JO 55/55 FM29 >FL16 .110 S C6AGN  
 01172309 W3BO 53 >FL16 .110 S C6AGN  
 01181622 KYW 3 PA 1120 T KRUSZKA  
 01181622 WRC 4 DC > LA 985 T KRUSZKA  
 01181622 WTTG 5 DC FOX 985 T KRUSZKA  
 01181637 WPVI 6 PA 1120 T KRUSZKA  
 02112308 WRRK PA Braddock 96.9 F WA5IYX  
 02172356 N3ZXP fn02 > FN13 50.170 KB2YWU  
 02172358 W3UJG fm19 > FN13 50.170 KB2YWU  
 02180033 N3JPU fm19 > FN13 50.185 KB2YWU  
 02180XXX K3ZO FM18 > EN41ux AU 144 KD0PY  
 02180XXX KB3WL FN02 > EN41ux AU 144 KD0PY  
 02180XXX W3ZZ FM19 > EN41ux AU 144 KD0PY

#### United States, W4

01012335 WA4LOX EL87 6959 50.110 S PY5CC  
 01012346 W4UE EM90>GG54 7127 50.110 C PY5CC  
 01012350 W4/WB2QLP EL96 6756 50.110 S PY5CC  
 01012353 K4SC EL98>GG54 6941 50.110 S PY5CC  
 01020000 W4/K2RTH EL95 6664 50.110 C PY5CC  
 01020017 KD4ESV EL87 6959 50.110 S PY5CC  
 01020040 KD4ADP EL88 7050 50.110 S PY5CC  
 01020050 W4/W3BTX EL98 6941 50.110 S PY5CC  
 01020053 N4RFN EL87>GG54 6959 50.110 S PY5CC  
 01020116 W4CHA EL88>GG54 7050 50.110 S PY5CC  
 01112350 W4MYA 57/55 FM07>FL16 .114 S C6AGN  
 01112353 W4TJ 56/59 FM08 > FL16 .114 S C6AGN  
 01120003-N4JQQ 57/55 EM07>FL16 .114 S C6AGN  
 01120018 NS4W 56/59 EM76>FL16 .114 S C6AGN  
 01132345 KJ4E 57 50.110 H PY5CC  
 01160100 WUND 2 NC 1031 T OGLETHORP  
 01160205 WEDU 3 FL > IL 1031 T ECKBERG  
 01160247 WSJK 2 TN 2/15 665 T OGLETHORP  
 01172256 AD4TJ 52 FM08>FL16 .110 S C6AGN  
 01172258 WB4UPV 53/54 FM06>FL16 .110 S C6AGN  
 01172301 K4ZOO 52 FM08 >FL16 .110 S C6AGN  
 01172303 WA4IAM 56/56 FM06>FL16 .110 S C6AGN  
 01172304 KA4MYM 54 FM06 >FL16 .110 S C6AGN  
 01172306 W4FCR 56/59 FM06 >FL16 .110 S C6AGN  
 01172330 KE4MMU FM06 >FL16 .110 S C6AGN  
 01181532 WUND 2 NC FOR AN HR 1031 T OGLETHORP  
 01181632 WECT 6 NC 924 T OGLETHORP  
 01181632 WWAY 3 NC > LA 924 T OGLETHORP  
 01190022 KJ4E 519 50.105 C PY5CC  
 01312030+KQ4X 59+ > EL83 -2200 B CO2OJ  
 01312030+NS4W 59+ > EL83 -2200 B CO2OJ  
 02112301 WPVR VA Roanoke 94.9 F WA5IYX  
 02112301 WYUU FL Safety Harb92.5 F WA5IYX  
 02112327 WXZZ KY Georgetown103.3 F WA5IYX  
 02112345 WMXL KY Lexington 94.5 F WA5IYX  
 02112346 WFGZ TN Lobelville 94.5 F WA5IYX  
 02112355 K4GTU EL97 > DM04 50.125 S KC6WFS  
 02120003 KC4SUS EL95 > DM04 50.125 S KC6WFS  
 02120003 KF4TYB EL87 > DM04 50.125 S KC6WFS  
 02120005 W4CHA EL88 > DM04 50.125 S KC6WFS  
 02120028 WBTW 3 NC Charlotte T WA5IYX  
 02120028 WFMY 2 NC Greensboro T WA5IYX  
 02172339 N4SC en72 > FN13 50.170 KB2YWU  
 02172340 K4TO EM77 > EN10 AU 144 K0SM  
 02230020 KF4OUH EL96>FN13 50.125 H KB2YWU  
 02230045 KF4OUH EL96>FN41 W N1VHL

#### United States, W5

12312200 KC5SFV DM65 > DL44 H XE2HWB  
 12312211 KB5OUT DM84 > DL44 S XE2HWB  
 01030105 N5WS EL09 > DL44 S XE2HWB  
 01082345 KASA 2 NM 753 T OGLETHORP  
 01112310-N5JHV 53/57 > FL16 50.110 S C6AGN  
 01112315 WA5JCI 55/59 EM21>FL16 .114 S C6AGN  
 01112317 K5EWS 53/53 EM10>FL16 .114 S C6AGN  
 01112321 AC5JA 58/58 EM21>FL16 .114 S C6AGN  
 01112323 N5JEH 53/51 DM65>FL16 .114 S C6AGN  
 01112324 K5UHF 53/57 EM10>FL16 .114 S C6AGN  
 01112325 KB5YUA 57/59 EM44>FL16 .114 S C6AGN  
 01112327-K5LL 53/53 EL29 >FL16 .114 S C6AGN  
 01112330-KA5GLX 31/42 EL29>FL16 .114 S C6AGN  
 01112333-K5UR 59/59 EM35 >FL16 .114 S C6AGN  
 01112335 KM5RG 53/55 EL09>FL16 .114 S C6AGN  
 01112337 W5FF 55/52 DM64>FL16 .114 S C6AGN  
 01112344 NN5K 539/439 EN41>FL16 .114 C C6AGN  
 01112349 KY5N 55/55 EM12>FL16 .114 S C6AGN  
 01120013 N5SP 55/55 EM00>FL16 .114 S C6AGN  
 01120025 KEN3 3 NM > IL 912 T ECKBERG  
 01120026 KM5KM 57 EM54>FL16 .114 S C6AGN  
 01120030 WB5XX 55/55 EM33>FL16 .114 S C6AGN  
 01120032 KC5OLC 53/52 EM10>FL16 .114 S C6AGN  
 01120140 W5IXR 549/559 DM76>FL16.099 C C6AGN  
 01120238 KC5CCT EM22>FL16 .147 S C6AGN  
 01120258 K5TVC 55/55 DM56 >FL16 .110 S C6AGN  
 01120300 KMID 2 TX Midland > CA T SMITH  
 01120304 KD5AFY 55/55 DM25>FL16 .110 S C6AGN  
 01120306 W5IO 42/55 EM13 >FL16 .110 S C6AGN  
 01120310 N5TML 55/57 EM14 >FL16 .110 S C6AGN  
 01120312 KC5GVB >FL16 .110 S C6AGN  
 01160200 KPRC 2 TX > IL 893 T ECKBERG  
 01160300 WBRZ 2 LA > IL 784 T ECKBERG  
 01171815 KDBC 4 TX > LA 746 T OGLETHORP  
 01181500 K5EMB EM30>DM59 50.173 S W0MTK  
 01181512 W5AD EL29>DM59 50.145 S W0MTK  
 01181614 W5/W6OSM EM10>DM59 S W0MTK  
 01181623 KB5MER EM10>DM59 S W0MTK  
 01310241 WD5BST DM93>DM04 50.125 S KC6WFS  
 01310246 KC5SMO DM95>DM04 50.125 S KC6WFS  
 01310301 KB5UOT DM84>DM04 50.125 S KC6WFS  
 01310303 N5JHV DM62>DM04 50.125 S KC6WFS  
 02112300 K5BZM 55 EM18>EL83 WKG FL H CO2OJ  
 02120027 W5/W3XO EM00 > DM04 50.125 S KC6WFS  
 02120102 KI5GF EL09 > DM04 50.125 S KC6WFS  
 02120128 W5UWB EM17 > DM04 50.125 S KC6WFS

#### United States, W6

01090042 K6QXY CM88 > DL44 S XE2HWB  
 01090045 AA6DD H XE2HWB  
 01090049 K6MC WKD @ 0137 S H XE2HWB  
 01090049 KE6OMN H XE2HWB  
 01090105 KE6FDL DM13 > DL44 S XE2HWB  
 01090107 KC6WFS DM04 > DL44 S XE2HWB  
 01090108 W6/WB2WIK DM04 > DL44 S XE2HWB  
 01090110 KA6DOJ DM04 > DL44 S XE2HWB  
 01090111 WN6ODF DM13 > DL44 S XE2HWB  
 01090115 KF6HQC DM14 > DL44 S XE2HWB  
 01090124 KC6IPF CN80 > DL44 S XE2HWB  
 01090125 K6SIX CM97 > DL44 S XE2HWB  
 01090126 W6FM CM95 > DL44 S XE2HWB  
 01090128 W6/W7GE CM98 > DL44 S XE2HWB  
 01090129 KF6CAD DM04 > DL44 S XE2HWB  
 01090132 W6/W3GAC DM12 > DL44 S XE2HWB  
 01090136 K6PHE DM14 > DL44 S XE2HWB  
 01112319 WA6PEV 57/53 DM15>FL16 .114 S C6AGN  
 01120028 KC6IPF 52 CN80>FL16 .114 S C6AGN  
 01120124 W6SR 569/599 DM13>FL16 .099 C C6AGN  
 01120129 WA6P?? 559/579 DM15 50.099 C C6AGN  
 01120134-W6QUV 539 CM98>FL16 .099 C C6AGN  
 01120236 W6YV 55/55 DM04>FL16 .147 S C6AGN  
 01120248 KE6FYW DM03>FL16 .140 S C6AGN  
 01120253 K6GMV 53/51 DM14>FL16 .110 S C6AGN  
 01120302 KJ6HI 53/44 DM03 >FL16 .110 S C6AGN  
 01120305 W6GY 53/51 DM04 >FL16 .110 S C6AGN  
 01120308 N6RMJ 55/55 DM14 >FL16 .110 S C6AGN  
 01120330 N6RMJ 53 WKG W4S >FL16 .140 H C6AGN  
 02070007 KC6WFS DM04 > DM79 K6LS/0  
 02070010-KF6FJD DM13 > DM79 K6LS/0  
 02070013-WA6HDX DM12 > DM79 K6LS/0  
 02070016-WN6ODF DM13 > DM79 K6LS/0



02070020-A6YOS	DM13 > DM79	K6LS/0	01181521 KU8Y 57	EN61 >FL16 .133	S	C6AGN	
02070023-K6ZSL	DM04 > DM79	K6LS/0	01181522 WA8WZG	>FL16 .125	S	C6AGN	
02070026-KF6NIP	DM13 > DM79	K6LS/0	01181535 WA8WZG	EN81 >FL16 .125	S	C6AGN	
02070030-KD6OLH	DM03 > DM79	K6LS/0	01200315 WJBK	2 MI > LA	904	T OGLETHORP	
02070033-KE6WYM	DM13 > DM79	K6LS/0	01300410 K8EB 31A	EN73>EN34 144.200	C	N0UK	
02070036-K6RMR	DM13 > DM79	K6LS/0	01312030+WB8NFJ/m	EM79>EL83 -2299	S	CO2OJ	
02070040-KD6RUH	DM03 > DM79	K6LS/0	02112313 WQMX	OH Medina	94.9	F WA5IYX	
02070043-K6GMV	DM14 > DM79	K6LS/0	02112329 WEMM	WV Huntington	107.9	F WA5IYX	
02070046-W6/W8GOJ	DM14 > DM79	K6LS/0	02112339 WOBG	WV Salem	105.7	F WA5IYX	
02070050-AA6DD/M	DM13 > DM79	K6LS/0	02112341 WTCR	WV Huntington	103.3	F WA5IYX	
02070053-K6EHA	DM04 > DM79	K6LS/0	02112342 WAMX	WV Milton	106.3	F WA5IYX	
02070056-WN6EKZ	DM14 > DM79	K6LS/0	02112348 WXCC	WV Williamson	96.5	F WA5IYX	
02070103-KE6SGE	DM04 > DM79	K6LS/0	02112354 WRON	WV Ronceverte	97.7	F WA5IYX	
02070120-K6LGL	DM04 > DM79	K6LS/0	02172334 N8CGY	en74 > FN13	50.150	KB2YWU	
02112338 WD6BST	DM93 > DM04 50.125	S KC6WFS	02180000 N8MWK	em89 > FN13	50.170	KB2YWU	
02120029 W6JKV	EM10 > DM04 50.125	S KC6WFS	02180004 K8TQK	em89 > FN13	50.170	KB2YWU	
02120136 KBZT	CA San Diego	94.9	F WA5IYX	02180012 W8SMD	en81 > FN13	50.170	KB2YWU
02120139 KMCB	CA Carlsbad	95.7	F WA5IYX	02180021 KB8WFN	en90 > FN13	50.145	KB2YWU
02120150 KLOS	CA Los Angeles	95.5	F WA5IYX	02180023 N8ZVB	en73 > FN13	50.170	KB2YWU
02120150 KTUV	CA Los Angeles	94.7	F WA5IYX	02180030 N8KOL	en80 > FN13	50.185	KB2YWU
02120151 KKB	CA Los Angeles	92.3	F WA5IYX	02180032 N8RPA	en91 > FN13	50.185	KB2YWU
02181529 AA6DD	DM13 > CN96 Es	50.1	S WA7QBS	02180115 KG8WZ	en82 > FN13	50.170	KB2YWU
02181854 KCBS	2 CA Los Angeles	T	WA5IYX	02180118 W8WNX	en82 > FN13	50.170	KB2YWU

#### United States, W7

01031656 W7???	> DL44	H	XE2HWW
01082002 KVOA	4 AZ	1004	T OGLETHORP
01082020 KPHO	5 AZ	1065	T OGLETHORP
01082023 KNAZ	2 AZ	1045	T OGLETHORP
01090048 K7CA			H XE2HWW
01110015 KNAZ	2 AZ > IL	1258	T ECKBERG
01112200 KVOA	4 AZ > LA	1175	T KRUSZKA
01112208 KTVK	3 AZ	1245	T KRUSZKA
01112259 KPHO	5 AZ	1065	T OGLETHORP
01112320 K7CA	55/57 DM26>FL16	.114	S C6AGN
01112322 W7CI	57/37 DM41>FL16	.114	S C6AGN
01112359 KNAZ	2 AZ	1045	T OGLETHORP
01120005-W7/NOXX	53/52 CN84>FL16	.114	S C6AGN
01120011 N7EIJ	53 CN85>FL16	.114	S C6AGN
01120017 AA7A	559/579 DM43>FL16	.099	C C6AGN
01120040 K7WO	2 WY	996	T OGLETHORP
01120048-N7AL?	>FL16 50.065	B	C6AGN
01120108 W7CI	559 >FL16 50.098	C	C6AGN
01120112 WX7R	539/529 CN85>FL16	.100	C C6AGN
01120121 K7JA	419/559 DM94>FL16	.099	C C6AGN
01120127 W7RV	579/579 DM16>FL16	.099	C C6AGN
01171800 KVOA	4 AZ > LA	1004	T OGLETHORP
01171830 KPHO	5 AZ		T KRUSZKA
01171830 KTVK	3 AZ	1245	T KRUSZKA
01311543 K7KX	CN87>DM59 Scatter		W W0MTK
01311543 W7GJ	>DM59 Scatter		H W0MTK
02120130 K7ICW	DM26 NV Las	50.109	WA5IYX
02180009 W7HAH	45x DN28>CN88	50.061	B VE7SKA
02180125-K7IEY	CN88>CN85 AU	144.200	N7EIJ
02180125-K7NQ	CN87>CN85 AU	144.200	N7EIJ
02180125-W7SZ	CN85>CN85 AU	144.200	N7EIJ
02180125-WA7GSK	DN13>CN85 AU	144.200	N7EIJ
02180150 W7 AURORA			H W0MTK
02180300+W7/KL7OF	DN17 > DO31 AU		W VE6NTT
02180310 W7/KL7OF	45x DN17	50.125	H VE7SKA
02180310-K7IEY	CN88 > DO31 AU		W VE6NTT
02180320-K7TRE	CN87 > DO31 AU		W VE6NTT
02180330-KB7YVY	CN87 > DO31 AU		W VE6NTT
02180340-N7TGF	CN88 > DO31 AU		W VE6NTT
02180350-W7/K5HGK	DN17 > DO31 AU		W VE6NTT
02180400-WB7QBS	CN96 > DO31 AU		W VE6NTT
02180XXX KE7NS	DN31 > DN26xk	50.060	B W7HAH
02181729 KUTV	2 UT Salt Lake City	T	WA5IYX
02181730 KE7NS	DN31 UT	50.0xx	B WA5IYX
02181836 KNAZ	2 AZ Flagstaff	T	WA5IYX
02181839 KVBC	3 NV Las Vegas	T	WA5IYX
02181850 KTVK	3 AZ Phoenix	T	WA5IYX

#### United States, W8

01112355 N8IBV	55/59 EN70>FL16	.114	S	C6AGN
01112359 KB8ZW	53/55 EN91>FL16	.114	S	C6AGN
01120016 N8MLE	55/56 EN80>FL16	.114	S	C6AGN
01120017 N8ZJN	56/58 EM79>FL16	.114	S	C6AGN
01120021 N8YSF	/35 EM89>FL16	.114	S	C6AGN
01172255 N8ZJN	53/53 EM79>FL16	.110	S	C6AGN
01172302 WZ8D	56 EM69 >FL16	.110	S	C6AGN
01172320 W8ZH	57 EN91 >FL16	.128	S	C6AGN

#### United States, W9

01112356 N9BJG	55/55 EM57>FL16	.114	S	C6AGN
01120009 N9NJY	53/55 EM58>FL16	.114	S	C6AGN
01120015 N9SJJ	55/55 EM78>FL16	.114	S	C6AGN
01120035 W9BN	55/59 EM34>FL16	.114	S	C6AGN
01181514 NN9K	579 EN41 >FL16	.150	C	C6AGN
01181516 W9SO	59/59 EN60 >FL16	.135	S	C6AGN
01181524 N9NJY	56 EM58 >FL16	.125	S	C6AGN
01181532 WA9CCQ	EN61 >FL16	.125	S	C6AGN
01181534 KB9JNO	EM57 >FL16	.125	S	C6AGN
02172320 W9	EN54 > FN13 AU			KB2YWU
02172320 W9JN	en54 > FN13	50.140		KB2YWU
02180036 W9ZIH	51A EN51	AU 432	W	K0GJX
02180130 W9ZIH	EN51>FN03 AU	432	W	W2AAA
02180235 K9KL	EN64	AU 222	W	K0GJX
02180235-W9JN	EN54	AU 222	W	K0GJX
02180235-WF9X	EN53	AU 222	W	K0GJX
02180XXX KJ90	EN52 > EN41ux	AU 144		KD0PY
02180XXX W9GIR	EN44 > EN41ux	AU 144		KD0PY
02180XXX W9ZIH	EN51 > FN23bx	AU 432		WA2AEY
02180XXX WA9HCZ	EN43 > EN41ux	AU 144		KD0PY
02181455 WSIL	3 IL Harrisburg		T	WA5IYX

#### United States, W0

12312203 W0???	> DL44	H	XE2HWW	
01010010 NOLL	> DL44	S	XE2HWW	
01112332 N0IPL	53/52 DM76 >FL16	.114	S	C6AGN
01112354 N0ALD	55/59 EM38>FL16	.114	S	C6AGN
01120001 NOLL	53/53 EM09>FL16	.114	S	C6AGN
01120007-W0LD	52/53 DM78>FL16	.114	S	C6AGN
01120019 WQOP	53/53 EM19>FL16	.114	S	C6AGN
01120023 N0WVU	52/42 DM79>FL16	.114	S	C6AGN
01120025 W0NRI	52/53 DM79>FL16	.114	S	C6AGN
01120034 W0/W3DHJ	31/52 DM68>FL16		S	C6AGN
01120045 K0GUV	539 >FL16	50.008	B	C6AGN
01120300 W0RRY	55/55 EM26 >FL16	.110	S	C6AGN
01160100 KGAN	2 IA	672	T	OGLETHORP
01160128 K7CA	2 MN > LA	869	T	OGLETHORP
01181523 W0FY	57 EM48 >FL16	.125	S	C6AGN
01181525 K0WR	EM49 >FL16	.125	S	C6AGN
01181527 KB0MGV	EM59 >FL16	.125	S	C6AGN
01181529 KB0OCM	EN31 >FL16	.125	S	C6AGN
01181530 K0AZ	57/59 EM48 >FL16	.125	S	C6AGN
02070000+KB0YYG	DM67 > DM04			KC6WFS
02070000+W0EAT	DM78 > DM04			KC6WFS
02070100 W0/K6LS	DM79 > DM04	50.4	A	KC6WFS
02180025 W0LCP	en35 > FN13	50.185		KB2YWU
02180147 KG0VL	en32 > FN13	50.182		KB2YWU
02180XXX K0MQS	S9	AU 144		K2TXB
02180XXX KB0PYO	EN24	AU 144		K2TXB
02180XXX NOLL	AU	> DN26xk	B	W7HAH
02180XXX NY0Z	EN17 > EN41ux	AU 144		KD0PY



02180XXX	W0/W7XU	EN13	AU	144	K2TXB
02180XXX	W0/W7XU	EN13	> FN23	AU 144	WA2AEY
02180XXX	W0IZ	EN42	AU	144	K2TXB
02180XXX	W0KT	EM49	AU	144	K2TXB
02180XXX	WE0Q	EN26	> EN41	lux AU 144	KDOPY
02181438	KDLO	3 SD	Florence		T WA5IYX
02181444	NOLL	EM09	OW KS Smiths	50.077	B WA5IYX
02181444	WBORMO	EN10	IA Fairbu	50.061	B WA5IYX
02181452	KGAN	2 IA	Cedar Rapids		T WA5IYX
02181520	WOMTK	DM59	CO Fruita	50.065	B WA5IYX
02181535	KNOP	2 NE	North Platte		T WA5IYX
02181559	KWGN	2 CO	Denver		T WA5IYX
02181730	WOMTK	DM59	CO Fruita	50.065	B WA5IYX

## Reports of Oceania

### AUSTRALIA, General

02010400	VK-TV WEAK	46.17/51.67	V	ZL3TY
02030856	VK-TV S8-9	46.170	V	ZL3TY
02050604	VK-TV S6	46.170	V	ZL3TY
02060010	VK-TV S5 FOR 2 HRS	46.240	V	ZL3TY
02070942	VK-TV S2	46.240	V	ZL3TY
02110416	VK-TV S9+	46.24/51.74	V	ZL3TY
02120412	VK-TV S2	46.240	V	ZL3TY
02130426	VK-TV S2 > 0926	46.240	V	ZL3TY
02132134	VK-TV	46/51MHz	V	ZL3TY

### Australia-New South Wales

01031136	VK2DN	50.107	C	JR2HCB
01031153	VK2DN	50.110	C	JA7KHQ
02070340	VK2 ch0	46.24	V	JA1VOK
02110339	VK2 ch0	46.24	V	JA1VOK
02110416	VK2RSY 529		B	ZL3TY
02120925	VK2RSY 529		B	ZL3TY
02130426	VK2RSY 529		B	ZL3TY
02130915	VK2BHO		B	ZL3TY
02130926	VK2RSY 529		B	ZL3TY
02132134	VK2RSY AT TIMES ALL DAY		B	ZL3TY
02140400	VK2 ch0	46.24	V	JA1VOK
02150400	VK2 ch0	46.24	V	JA1VOK
12311148	VK2QF	50.110	S	JA7KHQ
12311151	VK2QF	50.150	S	JR8DAG

### Australia-Victoria-VK3

01031202	VK3AMK	50.110	C	JA7KHQ
02130432	VK3AMK > PM85	50.110	S	JE2DWZ
02130443	VK3XQ	50.130	H	JE2DWZ
02130444	VK3AMK > PM64	50.115	S	JH4JPO
02130447	VK3XQ	50.130	S	JH4JPO
02132134	VK3DUT 59/59	50.150	S	ZL3TY
02140548	VK3BRZ > PM86	50.150	H	JA9LSZ

### Australia-Queensland-VK4

12201513	VK4JSR	50.130	S	JR0QFA
12201520	VK4KK	50.110	S	JR2HCB
12201636	VK4ABW	50.	S	J11WMI
12201641	VK4ABW	50.120	S	JR2HCB
01091303	VK4GPS	50.	C	JA4
01091305	VK4AFL	50.	C	JA4
01091319	VK4APG	50.190	S	JA4
01091326	VK4DO	50.119	S	JA4
01091330	VK4/VK3LK	50.110	S	JA4
01091340	VK4WTN	50.120	S	JA4
02030856	VK4RGG WEAK		B	ZL3TY
02050604	VK4RGG 529		B	ZL3TY
02070340	VK4 ch0	46.17	V	JA1VOK
02110816	VK4RGG 519		B	ZL3TY
02130926	VK4RGG 539		B	ZL3TY
02132134	VK4RGG AT TIMES ALL DAY		B	ZL3TY
02140455	VK4 ch0	46.17	V	JA1VOK
02140533	VK4DO	50.110	S	JA1VOK
02150423	VK4 ch0	46.17	V	JA1VOK
02230458	VK4DO 599	50.110	C	V73AT#
02230557	VK4DO	50.1343	S	JL2WNA#
02240506	VK4RGG	50.058	B	V73AT#
02240509	VK4TZ	50.130		V73AT#
02240515	VK4BLK	50.130		V73AT#

### South Australia-VK5

02140534	VK5BC	50.110	S	JA1VOK
02140552	VK5ZBK	50.150	S	JA1VOK

02140559 VK5ZBK 50.150 S JA9LSZ

### Australia-Tasmania-VK7

02030856	VK7RAE 559		B	ZL3TY
02110416	VK7RAE 589		B	ZL3TY
02130420	VK7RAE > PM85	50.0565	B	JE2DWZ
02130456	VK7GUN	50.110	S	JE2DWZ
02130504	VK7GUN > QM09	50.125	S	JK7IKU
02130516	VK7RAE > PM96	50.0565	B	JH0MHE
02130926	VK7RAE 529		B	ZL3TY
02132134	VK7RAE AT TIMES ALL DAY		B	ZL3TY

### Australia-Northern Terr.

02140530	VK8RAS -0600	50.0465	B	JA1VOK
02140540	VK8RAS S9+	50.0465	B	JA1VOK
02140549	VK8RAS	50.0565	B	JA9LSZ
02171100	VK8VF > PM63	50.057	B	JA5CMO

### Hawaiian Is.

02040745	KHON 2 HI -1145	55.260	V	ZK1AA
02040845	KFVE 5 HI Honolulu	77.250	V	ZK1AA
02040845	KGMV 3 HI Wailuku	61.250	V	ZK1AA
02040845	KH6HME HI		B	ZK1AA
02040845	KITV 4 HI Honolulu	67.240	V	ZK1AA
02111005	KHON 2 HI -1205 wk	55.260	V	ZK1AA
02160034	KH6HI 579-->599+	50.065	B	PY5CC#
02170930	KHON 2 HI -1200	55.260	V	ZK1AA
02192149	WH6XM 59+20	50.110	S	PY5CC#
02192152	KH6HI S9++	50.065	B	PY5CC#
02210730	KHON 2 HI -0930	55.260	V	ZK1AA
02250019	KH6HME 559	50.061	B	PY5CC#

### MARSHALL IS.

02130500+V73AT	-0600			VK3/4#
02130610-V73AT				FK1TK

### MinamiTori Is.

01021732	JD1BIY(JD1-M)	50.547	A	JR2HCB
01021840	JD1BIY(JD1-M)	50.110	S	JR2HCB
01041413	JD1BIY(JD1-M)	50.110	S	J11WMI

### NEW CALEDONIA

02130500+FK1TK	-0600			V73AT#
02130610	FK1TK 52/57		S	ZL3TY

### NEW ZEALAND

12201502	ZL2TPY	50.	S	J11WMI
12201510	ZL2AGI	50.105	C	JR0QFA
12201512	ZL2TPY	50.147	S	JR0QFA
12201514	ZL4TBN	50.160	S	JR0QFA
12201545	ZL2KT	50.	S	J11WMI
12201625	ZL4TBN	50.110	S	JR2HCB
01031134	ZL2TPY	50.110	S	JR2HCB
01141342	ZL3TY, SSB @ 1410	50.110	C	JR2HCB
01292145	ZL-TV 0 AUDIO	50.750	F	KH6VP
02070310	ZL ch1	45.24	V	JA1VOK
02070321	ZL ch1 -0400 >QM05	45.25	V	JA1VOK
02070350	ZL ch1	45.26	V	JA1VOK
02110320	ZL ch1	45.25	V	JA1VOK
02140400	ZL ch1 > PM63	45.25	V	JA5CMO
02140410	ZL ch1	45.25	V	JA1VOK
02150423	ZL ch1	45.24	V	JA1VOK
02150423	ZL ch1	45.25	V	JA1VOK

## Reports of South America

### ARGENTINA

01052240	LU3EMK GF05	1392	50.110	S	PY5CC
01052243	LU3EBJ GF05	1392	50.110	S	PY5CC
01052253	LU8EGB GF05	1392	50.110	S	PY5CC
01131958	LU1DMA GF05	1392	50.110	S	PY5CC
01132031	LU8DNY GF15	1260	50.110	S	PY5CC
01142005	LU6EUQ GF05	1392	50.110	S	PY5CC
01142009	LU5EGL GF12	1522	50.110	S	PY5CC
01142010	LU1EOW GF05	1392	50.110	S	PY5CC
01142023	LU2EFQ GF05	1392	50.110	S	PY5CC
01142105	LU5JAU GF07	1258	50.110	S	PY5CC
01142122	LU6DLB GF05	1392	50.110	S	PY5CC
01142138	LU9AEA/X FE60	3074	50.110	S	PY5CC
01142145	LU2DEK GF02	1630	50.110	S	PY5CC
01142354	LU2EGQ GF02	1630	50.110	S	PY5CC



01162355	LU7FA	FF96>GG54	1475	50.110	S	PY5CC
01182206	LU9AEA/X	FE62	1590	50.110	W	LU2EGQ#
01182356	LU3YYZ	FF50>GF02	1100	.110	W	LU2EGQ#
01182359	LU7XP	FD65>GF02	2261	50.110	W	LU2EGQ#
01230021	LU2EGQ	59	GF05>FF57	50.110	S	LU1MAF#
01230023	LU6DRV	59	> FF57	50.110	S	LU1MAF#
01252126	LU9AEA/X			50.109	C	PY5CC
02112330+LU	GF05	> FE48	-0030		W	LU1VK
02140010	LU2EGQ			50.110		WP40#
02140017	LU9EHF			50.110		WP40#
02140024	LU8JBO			50.110		WP40#
02160121	LU9ELE	59/59		50.110	S	YV4YC#
02190000+LU	S9+	-0130				KP4#
02240020	LU	-0030	TEP 144		W	KP4EIT

## BRAZIL

01012134	PY2XB	GG66>GG54	300	50.125	S	PY5CC
01142314	PT7BCN	559	TEP	50.077	B	PY5CC
01142319	PT7NK	HI06>GG54	2671	50.110	S	PY5CC
01240114	PT9FH			50.110		PP1CZ#
01252216	PY5CC			50.110	S	PY2XB#
01260015	PT7NK			50.110		PY2XB#
02132345	PY5CC			50.110		WP40#
02160116	PY5CC	59/59		50.110	S	YV4YC#
02160117	PY2DSC			50.110	S	YV4YC#
02170110	PP1CZ	55	Is Victoria	.113	S	YV4YC#
02240020	PY2SSB			50.120		WP40
02240026	PY2DP			50.120		WP40

## CHILE

01230XXX	CE	MUSIC	59++	3	HRS	49.300	F	LU2EGQ#
02142120	CE	ELEV.MUSIC	>	EM79		47.900	F	N8ZJN

## CURACAO Netherlands Antilles

01190101	PJ2SIX	519		50.004	B	PY5CC
----------	--------	-----	--	--------	---	-------

## URUGUAY

01071629	CX9AF	GF15>GG54	1260	50.110	S	PY5CC
01071653	CX9DK	GG15>GG54	1260	50.110	S	PY5CC
01142013	CX1AO	GF15>GG54	1260	50.110	S	PY5CC
01142032	CX8BBF	GF15	1260	50.110	S	PY5CC
01142107	CX6BV	GF15>GG54	1260	50.110	S	PY5CC
01162341	CX1DDO	GF15	1260	50.110	S	PY5CC
01230025	CX1DDO	57	> FF57	50.110	S	LU1MAF#
01230028	CX9CK	53	> FF57	50.110	S	LU1MAF#
01260019	CX8BE			50.110		PY2XB#
02112330+CX5CR	GF15	> FE48	-0030		W	LU1VK
02140021	CX8BE			50.110		WP40#
02160119	CX9AF	59/59		50.110	S	YV4YC#

## VENEZUELA

01012341	YV4FJJ	FK60	4488	50.110	S	PY5CC
01012341	YV4YC	FK60>GG54	4488	50.110	S	PY5CC
01200020	YV4AB	539			B	LU2EGQ#
01212346	YV5MM	53		50.110	S	LU2EGQ#
01212348	YV4AB	53	> GF05XD		B	LU2EGQ#
01240151	YV4GLD,	0207	SSB	50.110	C	PT7NK#
01240209	YV4AB			50.024	B	PT7NK#
02140140	YV3FFW	PEDRO		50.110		PY5CC#
02160008	YV4DDK	S9+		50.110	S	LU2EGQ#
02160107	YV5YC	S8		50.110	S	LU2EGQ#
02160127	YV4YC	59/59		50.110	S	PY2DSC#

## Beacon News

**Delaware:** K3DEL in FM28 has been heard on 50.070.

**Missouri:** K0ETC in EM27 is on 50.071 with 10W to an indoor dipole. jrupar@clandjop.com.#

**Michigan:** N8PUM in EN66AM is running 1W to a dipole on 50.0665.

**Pennsylvania:** W3CXX in FM29JW is running 4W to a Halo on 50.080.

**Jan Mayen:** Per-Einar, JX7DXA, will run a beacon on 50.079 from April 1 until August 1. Tnx SM7AED.

**Slovenia:** has new radio regulations permitting beacons on 40 and 70 MHz. de Mario, S56A. #

**Equatorial Guinea:** Alan, 3C5I, has been running a beacon on 50.107 when he is not QRV on 6m.#

**Ghana:** 9G1AA has been heard on 50.123 by 3C5I.#

**Greenland:** Bo, OX3LX, indicates that OX3SIX on 50.012 MHz will not be QRV until June/July at the earliest. That's when he expects to visit the HP15/16 area where this beacon will be located. The OX3VHF beacon is still QRV on 50.045.#

## QSL Information

**9M0C:** via Phil, G3SWH. (phil@g3swh.demon.co.uk)

**9G1AA:** via PA2FAS.

## DX Operations

**Roatan Is.:** A group from the Florida Contest Club will operate from Roatan Island, HR6 March 3 to March 10 for the ARRL DX SSB contest, but will have 6m and RS12 satellite.#

HR6/VE3BW was to have been QRV from Feb 1-22 with a TS-690s and 2 el Yagi on 6m. QSL to home address. #

**Lebanon:** Jean-Pierre, F6FLV plans to activate OD5 from KM73VW during June 1998. Call could be OD5RAK. #

**Guinea:** Steve, G0AEV, reports that he may be going to 3X in February for around 12 weeks. If so, he will try to obtain a 50 MHz permit and will take an IC706 plus small beam. #

**Jan Mayen Is.:** JX7DFA is QRV on 6 & 2m with high power until October 1998. #

**Tarawa:** (RJ61) Jack Haden, VK2GJH was to have operated T30JH from Feb 1-24 with an IC-736 & A50-5S. He may also be visiting V73 Majuro later this year. #

**Papua New Guinea:** Rick, P29KFS writes: "I set up P29BPL in the 70s for that cycle of sunspots. It was heard widely, but after many year's service the whole RF section corroded away from salt—it was on a classic tropical island—Locoloata. I have not yet put a decent beacon back on, but often run my old IC502 on 50.290—a move from 50.209 which is now very crowded—Better in the clear. Any help with a TX of about 10W would be greatly appreciated. I am using the MFJ418 as a keyer—works well."

## EME News

A note from Shep, W7HAH, reads, "On 6 meter EME we worked SM7FJE at 0750Z on Feb 17th on 50.032, on Feb 18th ran with SM7AED on 6 meter EME, I did not hear him because of the Aurora but he did hear me. Again this was on SM7FJE and SM7AED moonset times and my moonrise times. I heard I5MXX on several occasions running with W7GJ. I am still using just a single 11 el yagi on 6 meters."

On the following page is a photo of JH2COZ's 6m EME array, a 6.1λ 22 el. Yagi. It is steerable from 80° to 110° azimuth and 0 to 15° elevation by means of ropes tied fore and aft to pairs of supporting poles. (One in the center brings the total to five).



